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June 15, 2015

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: May 2015 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.32

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in May 2015 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **May 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **May 19** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.
- **May 20** – Anchor QEA and NW Natural attended a meeting with EPA to discuss the path forward for the Gasco Sediments Site.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the June monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Schedule a meeting with EPA to present the empirical data documenting groundwater seepage reversal at the Gasco Sediments Site and the associated effects on capping effectiveness.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Ilene Gaekwad and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date May 19, 2014 **Project Number:** 000029-02 BG-36
Task 04.004A

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 9) — May 2015

Time Observations Started: May 19, 2015 @ 13:00 **Time Observation Concluded:** May 19, 2015 @ 14:00

Weather Conditions: Overcast, 60° Fahrenheit, wind 0-1 knot from north.

Wave Action Observations: Very light wave action (0.0 – 0.1 feet in height).

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 5/19/15 ranged in elevation from 4.82 to 7.81 feet. The Willamette River level during photos was approximately 5.60 feet measured at 13:15 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion / deposition was observed along the shoreline. All previously noted organo-clay mat material segments are underwater due to higher river elevations. Two segments are visible in 0.5 to 1 feet of water including a 10-foot section near the downriver extent of the cap area and a 5-foot section near the lateral midpoint of the cap area (Photo 1).

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the Fuel and Marine Marketing (FAMM) containment boom was in place, across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Two buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview of the site shoreline is shown in Photo 2.

Other Comments:

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat near the lateral midpoint of cap area (5/19/15):*



Photo 2 — *FAMM oil boom placement and mariner warning buoys at pilot cap area (5/19/15):*



Photo 3 — *Conditions immediately downriver of cap area (5/19/15):*

